



M1A2 ABRAMS. . . MAIN BATTLE TANK

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M1A2 ABRAMS CHARACTERISTICS

Weight	69.54 Tons	Main Armament	120mm M256 Smooth Bore Cannon
Length (Gun Forward)	387 Inches	Coaxial Weapon	7.62 M240 Machinegun
Turret Height	93.5 Inches	Loader's Weapon	7.62 M240 Machinegun on Skate Mount
Width	144 Inches	Commander's Weapon	.50 Cal M2 Machinegun on Powered Rotary Platform
Ground Clearance	19 Inches		
Ground Pressure	15.4 psi		
Gas Turbine Engine	1500 hp		
Power to Weight Ratio	21.6 hp/ton		
Hydro Kinetic Transmission	4 Speed Forward 2 Speed Reverse		
		Cruising Range	265 Miles
Speed		Vertical Obstacle	42 Inches
Maximum	42 mph (Governed)	Trench Crossing	9 Feet
Cross Country	30 mph		
10% Slope	17 mph	NBC System	200 SCFM - Clean Cooled Air
60% Slope	4.1 mph		
Acceleration - (0 to 20 mph)	7.2 Seconds	Crew	4 Men

SIGNIFICANT FEATURES

- Improved Armor
- Compartmented Fuel & Ammunition
- Increased Lethality
- High Agility
- Low Silhouette
- Automatic Fire Detection/Suppression
- Primary & Auxiliary Sight
- Thermal Imaging/Night Sight
- Fully Stabilized Sight
- Day/Night Fire on the Move Capability
- Increased External Storage
- Advanced Suspension - Torsion Bars/ Rotary Shock Absorbers
- Gas Turbine Engine - Multifuel/High Power to Weight Ratio
- Ease of Maintenance
- Onboard Malfunction Detection System
- Nuclear Biological Chemical (NBC) System
- Fording Depth to Turret Roof with Kit
- Digital Electronic Control Unit
- Driver's Thermal Viewer
- Commander's Independent Thermal Viewer
- Position/Navigation System
- Intervehicular Information System
- Radio Interface Unit
- Digital Communication
- Single Channel Ground/Air Radio System (SINCGARS)
- Improved Commander's Weapon Station
- Commander's Integrated Display
- Driver's Integrated Display
- Gunner's Control & Display Panel
- Improved Slip Ring
- Automatic Shift/Steering Transmission

